

IN THE CLAIMS:

The following is a complete listing of claims in this application.

Claims 1-18 (canceled).

19. (new) A composite ceramic body comprising carbon-containing fibers and SiC, and having a core area and a surface area,

wherein the body has a content of SiC which decreases in a substantially continuous manner from the surface area to the core area, and the fibers in the surface area have a lower filament count than the fibers in the core area.

20. (new) The composite ceramic body of claim 19, wherein the composite ceramic body is flowingly graded with respect to the SiC proportion such that the core area has ductile properties and the surface area has monolithic SiC layer or Si/SiC layer properties.

21. (new) The composite ceramic body of claim 19, wherein the body contains additives with different carbon yields for adjusting porosity.

22. (new) The composite ceramic body of claim 21, wherein the additives are thermoplastics with different carbon yields.

23. (new) The composite ceramic body of claim 21, wherein the additives are selected from the group consisting of thermoplastics, elastomers, duromers, natural substances and mixtures thereof.

24. (new) The composite ceramic body of claim 21, wherein the porosity is adjusted via grain size distribution of additives selected from the group consisting of carbons, graphites, SiC powder, B<sub>4</sub>C powder and mixtures thereof.

25. (new) The composite ceramic body of claim 19, wherein the surface area contains between about 20% by weight and up to about 100% by weight of SiC, between about 0% by weight and

about 30% by weight of free Si, between about 0% by weight and about 80% by weight of carbon, between about 0% by weight and up to about 20% by weight of  $\text{Si}_3\text{N}_4$ , and between about 0% by weight and up to about 20% by weight of  $\text{B}_4\text{C}$ .

26. (new) The composite ceramic body of claim 19, wherein the core area of the composite ceramic body contains between about 0% by weight and up to about 20% by weight of SiC, about 0% by weight and up to about 30% by weight of free Si, between about 20% by weight and up to about 100% by weight of carbon, and about 0% by weight and up to about 20% by weight of  $\text{B}_4\text{C}$ .

27. (new) A brake disk comprising the composite ceramic body of claim 19.